WIDEX **CROS**

HEAR IT FROM BOTH SIDES

USER INSTRUCTIONS

CROS-FA model
Behind-the-ear

WIDEX®

HIGH DEFINITION HEARING

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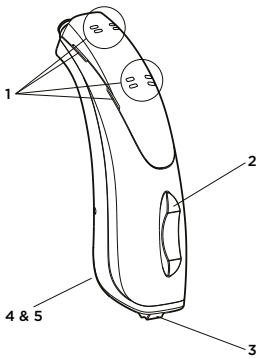
THE WIDEX CROS TRANSMITTER

The illustration below shows the WIDEX CROS transmitter without the ear-set, which consists of a tube and an ear-tip or earmould. Please refer to the separate ear-set user manual provided.

1. **Microphone openings**
2. **Volume control**
3. **Program button (transmission on/off)**
4. **Battery drawer with nail grip**
5. **On/off switch**



NOTE

In addition to these user instructions, a separate user manual is provided describing the various ear-set solutions available for your transmitter.

WARNING

This booklet and the manual “Ear-sets for Widex BTE hearing aids” contain important information and instructions. Read these booklets carefully before you start using the transmitter.

NOTE

Your transmitter and ear-set may not look exactly as illustrated in this booklet. We also reserve the right to make any changes considered necessary.

Intended use

The transmitter is intended for use as a device that picks up sound at the ear on which it is worn and transmits it to a hearing aid on the better ear.

Indications for use

The WIDEX CROS solution is indicated for individuals who are deaf in one ear and have normal or impaired hearing in the other.

It is to be programmed by licensed hearing care professionals (audiologists, hearing aid specialists, otolaryngologists) who are trained in hearing (re)habilitation.

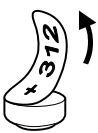
Description of device

The transmitter is worn on the deaf ear like an ordinary "behind-the-ear" hearing aid. It receives sound from the surroundings and transmits it to a Widex wireless hearing aid worn on the better ear, via a proprietary wireless technology called WidexLink.

The battery

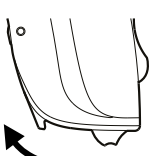
We recommend **zinc-air batteries.** Use a **size 312** battery for the transmitter.

To obtain replacement batteries, please consult your hearing care professional. It is important to take note of the expiry date and the recommendations on the battery pack regarding disposal of used batteries.



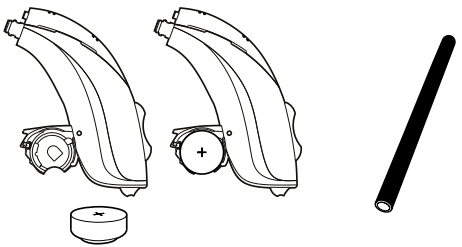
Inserting the battery
Before inserting a new battery, remember to remove the adhesive tab. Once the tab has been removed, the battery will start functioning after a few seconds.

CAUTION
Do not use batteries if there is a sticky residue from the tab or other unwanted substance, as this can cause the device to malfunction.

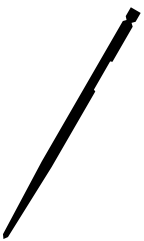


Use the nail grip to gently swing the battery drawer open.

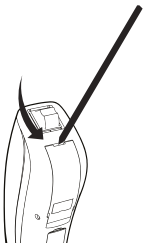
Place the battery in the drawer, so that the plus (+) sign on the battery faces upward. You can use the battery magnet provided to steer the battery into place.



If the battery drawer does not close easily, the battery is incorrectly inserted.



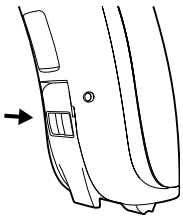
Battery drawer without a nail grip
The device may be provided with a battery drawer without a nail grip. This type of drawer can be a good choice if the device is worn by a child. A special tool for opening the drawer will be included with this drawer.



The battery drawer is opened as illustrated

WARNING

Never leave an exhausted battery in the transmitter. Exhausted batteries may leak, damaging the device.



Right/left identification

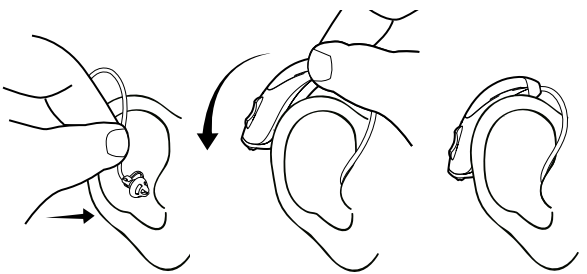
Your transmitter can be provided with a coloured mark for right/left identification (red mark = right and blue mark = left).

The arrow shows the position of the identification mark.

Positioning the transmitter

Insert the earpiece in the ear canal while holding the lower part of the tube. It may help to pull the outer ear backwards and upwards with the opposite hand.

Place the transmitter behind the ear, so that the device and tube rest comfortably on the ear, close to your head.

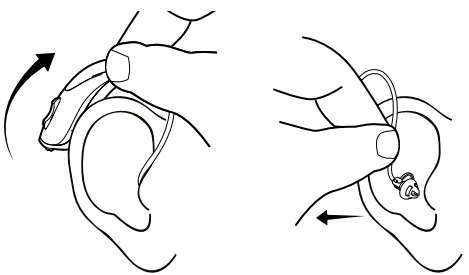


The illustrations show an open ear-tip. For further information on ear-tip/earmould types, anchors and procedures, see the separate ear-set user manual provided.

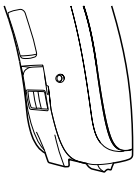
Removing the transmitter

Remove the transmitter from its position behind the ear.

Carefully pull the earpiece out of the ear canal, while holding the lower part of the tube. If the earpiece is provided with an extraction cord, take hold of this and carefully pull the ear-tip out of the ear canal.

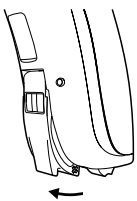


Turning the transmitter on and off



Close the battery drawer to turn on the transmitter.

To turn it off, open the battery drawer slightly to the first position where a click is felt.



Please remember to turn off the transmitter when it is not in use. Remove the battery if the device will not be used for several days.

Transmission

With the transmitter turned on, press the program button to start transmitting sound to the hearing aid on the better ear. Make sure the hearing aid is also turned on.

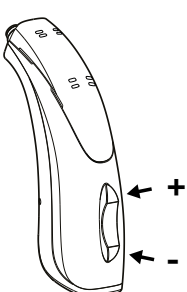
To stop transmission, press the program button again. You will hear a sound when transmission is started, and a message when transmission is stopped, unless this function has been disabled.

NOTE:
If you have a DEX device, you need to turn off transmission by pressing the program button in order to use the DEX.

Turn off the transmitter if you want to access different listening programs in the hearing aid worn on the better ear.

Volume adjustment

Your transmitter is provided with a volume control allowing you to adjust the volume of the sound transmitted to the better ear.



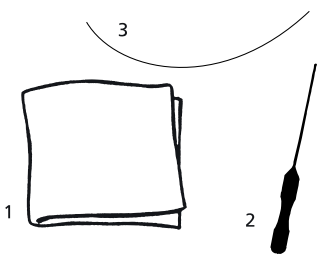
Push the upper part of the volume control to gradually raise the volume.

Push the lower part to gradually lower the volume.

CLEANING

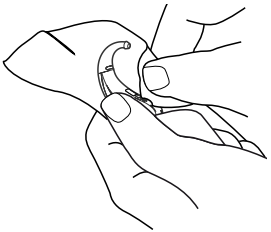
The following cleaning accessories are available for the transmitter and ear-set*. For cleaning the ear-set, see the user manual “Ear-sets for Widex BTE hearing aids”.

1. **Cloth**
2. **Wax removing tool**
3. **Cleaning thread**



Contact your hearing care professional if you need additional supplies of cleaning accessories.

* Selection depends on ear-set type.

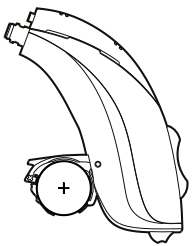


The transmitter

Clean the device with the soft cloth after use.

WARNING

Never use water or cleaning solutions to clean the transmitter, as this may cause it to malfunction.



When the transmitter is not in use, keep it in a warm, dry place with the battery drawer open, to ventilate the device and allow it to dry.

IN CASE OF MALFUNCTION

Problem	Possible cause	Solution
The transmitter is not transmitting	It is not turned on	Make sure the battery drawer is completely closed
	The battery does not work	Insert a new battery
	The program button is not activated	Press the button
	The hearing aid on the better ear is not turned on	Turn it on
Intermittent transmission. The hearing aid repeatedly switches to “Master”	Transmitter battery level low	Change the battery

Note: This information covers only the transmitter itself. See the “Ear-sets for Widex BTE hearing aids” user manual for information specific to your ear-set.

If the problems persist, contact your hearing care professional for assistance.

CARING FOR YOUR TRANSMITTER

The transmitter is a valuable object and should be treated with care. Here are some things you can do to prolong the life of your device:

CAUTION

- Turn off your transmitter when it is not in use. Remove the battery if the device will not be used for several days.
- When the transmitter is not in use, keep it in its case in a dry location out of reach of children and pets.
- Do not expose it to extreme temperatures or high humidity. Make sure to dry it thoroughly after heavy perspiration such as that which may occur during intense physical activity, e.g. playing sports.
- Avoid dropping your device – perform cleaning and battery changes while holding it above a soft surface.
- Do not wear your transmitter while in the shower or swimming, or when using a hair dryer, perfume, hair and body sprays or gels such as suntanning lotions or creams.

WARNINGS

WARNING

The transmitter and batteries can be dangerous if swallowed or used improperly. Swallowing or improper use can result in severe injury or even fatalities. In case of ingestion, contact a physician immediately.

- Keep the transmitter and its parts and batteries out of reach of children and anyone else who might swallow such items or otherwise cause injury to themselves. Do not change batteries in front of them and do not let them see where you keep your battery supply. Discard used batteries carefully.
- Batteries are very small and can easily be mistaken for pills or the like. Never put a battery or device in your mouth for any reason as you may risk swallowing it.
- Risk of explosion if battery is replaced by an incorrect type or recharged. Dispose of used batteries according to the instructions.
- The device is made of modern non-allergenic materials. Nonetheless, in rare cases skin irritation may occur. If you notice skin irritation in or around your ear or ear canal, contact your hearing care professional.

WARNING

- Please note that when using the transmitter, you must allow regular ventilation of the ear. If the ear is not adequately ventilated, there may be a slightly increased risk of infection or disease in the ear canal. We therefore recommend that you remove the device and ear-set from your ear when you go to bed, to allow the ear canal to be ventilated. If possible, you should also remove your device and ear-set during the day if there are any periods when you do not need them. Make sure that you clean and inspect your transmitter and ear-set as required. If an ear infection or disease occurs, you should seek medical attention and contact your hearing care professional for advice on how to disinfect the various device parts. Do not under any circumstances use alcohol, chlorine or similar substances for this purpose.
- Regular use of a de-humidifier is recommended to help avoid malfunction of the device.
- Do not use the transmitter in mines or other areas with explosive gases.
- **Do not wear your transmitter during radiation, X-rays, MRIs, CT or other medical treatments and scans.** The emissions from these procedures as well as from other types of radiation, such as that in a microwave oven, can damage your device. Radiation from, for example, room surveillance equipment, burglar alarms and mobile phones is weaker and will not damage the device, but may create audible interference.

WARNING

Interference with active Implants

- In order to show caution, we advise to follow the guidelines recommended by manufacturers of defibrillators and pacemakers regarding use of mobile phones:
- If you wear an active implantable device keep the Wireless Hearing Aids and Hearing Aid Accessories such as wireless remote controls or communicators at least 15 cm away from the implant.
- If you experience any interference, do not use the hearing aids and contact the manufacturer of the implant. Please note that interference can also be caused by power lines, electrostatic discharge, airport metal detectors etc.
- If you have an active brain implant, please contact the manufacturer of the implant for risk evaluation.

If you have an implantable device, we advise to keep magnets* at least 15 cm away from the implant. (*= can be specified as Autophone magnet, hearing instrument case, magnet in a tool, etc.)

CAUTION

- Your transmitter has been tested for interference according to international standards. Nevertheless, it is possible that unforeseen interference may occur in the device due to electromagnetic radiation from other products such as alarm systems, room surveillance equipment and mobile phones.
- Although your transmitter has been designed to comply with the most stringent international electromagnetic compatibility standards, the possibility cannot be excluded that it may cause interference with other equipment, such as medical devices.
- Never try to open or repair the transmitter yourself (To be performed by authorised personnel only).

ADVICE

NOTE

- In most cases, using the transmitter infrequently will not permit you to gain full benefit from it.
- The use of the transmitter is only part of hearing habilitation and may need to be supplemented by auditory training and instruction in lipreading.
- The use of the transmitter increases the risk of accumulation of earwax. Contact your physician/ENT doctor if you suspect that a plug of earwax has accumulated in your ear. It is a good idea to ask your physician to clean your ears a couple of times a year.

REGULATORY INFORMATION

FCC ID: TTY-DFA
IC: 5676B-DFA
Federal Communications Commission Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

NOTE:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications to the equipment not expressly approved by Widex could void the user's authority to operate the equipment.

Industry Canada Statement / Déclaration d'industrie Canada
Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada.

Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CE 0459

Hereby, Widex A/S declares that this CROS-FA is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the Declaration of Conformity can be found at: http://www.widex.com/doc

The device, accessories and batteries should not be disposed of with normal household waste. Please consult your national Widex distributor for advice on how to dispose of these items.

SYMBOLS

Symbol	Title/Description
	Manufacturer The product is produced by the manufacturer whose name and address are stated next to the symbol. If appropriate, the date of manufacture may also be stated.
	Date of manufacture The date when the product was manufactured.
	Use-by date The date after which the product is not to be used.
	Batch code The product's batch code (lot or batch identification).
	Catalogue number The product's catalogue (item) number.
	Serial number The product's serial number.
	Keep away from sunlight The product must be protected from light sources and/or The product must be kept away from heat
	Keep dry The product must be protected from moisture and/or The product must be kept away from rain

Symbol	Title/Description
	Lower limit of temperature The lowest temperature to which the product can be safely exposed.
	Upper limit of temperature The highest temperature to which the product can be safely exposed.
	Temperature limits The highest and lowest temperatures to which the product can be safely exposed.
	Consult instructions for use The user instructions contain important cautionary information (warnings/precautions) and must be read before using the product.
	Caution/Warning Text marked with a caution/warning symbol must be read before using the product.
	WEEE mark **"Not for general waste"** When the product is is to be discarded, it must be sent to a designated collection point for recycling and recovery.
	CE mark The product is in conformity with the requirements set out in European CE marking directives.
	Alert The product is identified by R&TTE Directive 1999/5/EC as an equipment Class 2 product with some restrictions on use in some CE member states.

Symbol	Title/Description
	C-Tick mark The product complies with EMC and radio spectrum regulatory requirements for products supplied to the Australian or New Zealand market.
	Interference Electromagnetic interference may occur in the vicinity of the product.
	Do not re-use The product is intended for use by a single user.

The six-digit number on the product is the serial number.

WIDEX A/S Nymoellevej 6, DK-3540 Lynge, Denmark
www.widex.com

CE 0459

Manual no.:
9 514 0260 001 #02

9 514026 000100

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